We claim:

1. A covered optical fiber comprising:
at least on optical fiber; and
a buffer tube covering surrounding the optical fiber, said covering being comprised of a blend of at least 40% by weight of a copolyether ester elastomer, at least 10% by weight of a rubbery modifier, and at least 10% by weight of an amorphous thermoplastic polymer, said blend having a melting point of at least 165° C and a Trouser Tear Strength of less than 65 N/mm.

2. The covered optical fiber of claim 1 wherein the thermoplastic blend of said thermoplastic covering is comprised of blend of 40% to 80% by weight of a copolyether ester elastomer, 10% to 40% by weight of a rubbery modifier, and 10% to 40% by weight of an amorphous polymer.

3. The covered optical fiber of claim 1 wherein the blend comprising the buffer tube covering has a Shore D hardness of at least 55 and an E Modulus of at least 200 MPa.

4. The covered optical fiber of claim 2 wherein the amorphous thermoplastic polymer is a thermoplastic polymer selected from the group of polycarbonates, amorphous PET, amorphous PBT, PMMA, SAN, ABS, and blends thereof.

5. The covered optical fiber of claim 4 wherein the amorphous thermoplastic polymer is a polycarbonate.

6. The covered optical fiber of claim 5 wherein the blend comprising the buffer tube covering has a shrinkage of less than 1 percent.

7. The covered optical fiber of claim 2 wherein the rubbery modifier is a polymer selected from the group core-shell impact modifier or a rubber.

8. The covered optical fiber of claim 6 wherein the rubbery modifier is a core-shell impact modifier having a rubbery butyl-acrylate core onto which a glassy thermoplastic methyl methacrylate shell is grafted wherein the core makes up 70 to 90 percent by weight of the modifier.

9. The covered optical fiber of claim 6 wherein the rubbery modifier is a vulcanized acrylate terpolymer.

10. A covered optical fiber comprising:

at least on optical fiber; and

a buffer tube covering surrounding the optical fiber, said covering being comprised of a blend of 40% to 80% by weight of a copolyether ester elastomer, 10% to 40% by weight of a core-shell impact modifier, 10% to 40% by weight of a polycarbonate polymer, said blend having a melting point of at least 165° C, a Trouser Tear Strength of less than 65 N/mm, a Shore D hardness of at least 55 and an E Modulus of at least 200 MPa.

11. The covered optical fiber of claim 10 wherein the blend comprising the buffer tube covering has a Trouser Tear Strength of less than 55 N/mm, a Shore D hardness of at least 60, an E Modulus of at least 300 MPa, and a shrinkage of less than 1%.